

CONCRETE WALL SCHEDULE			
MARK	THICKNESS	REINFORCING	REMARKS
W8	8"	#5 AT 16" OC EW CENTERED	
W12	12"		

1. TOP OF FOOTING ELEVATIONS INDICATED ON PLAN REPRESENT THE HIGHEST POTENTIAL FOOTING ELEVATION.
2. FOOTINGS MUST BEAR ON BEDROCK CAPABLE OF SUPPORTING 50,000 PSF ALLOWABLE BEARING CAPACITY. DROP FOOTINGS AS REQUIRED TO ACHIEVE THIS.
3. BORING LOCATIONS AND ROCK ELEVATIONS FROM GEOTECHNICAL EXPLORATION HAVE BEEN IDENTIFIED ON PLAN FOR REFERENCE ONLY. REFER TO GEOTECHNICAL REPORT FOR ADDITIONAL INFO.

METROPOLITAN MECHANICAL
CONTRACTORS, INC.
7450 FLYING CLOUD DRIVE
EDEN PRAIRIE, MINNESOTA
TELEPHONE (952) 941-7010

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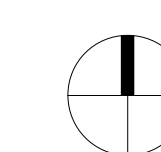
HGA NO: 0772-022-00

FOUNDATION
PLAN

DATE: DECEMBER 19, 2014

SCHEMATIC DESIGN

S200



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2. SEE SHEET S001 FOR GENERAL STRUCTURAL NOTES AND ABBREVIATIONS.
3. SEE S400 SERIES FOR CONCRETE COLUMN SCHEDULES AND S410 FOR CONCRETE BEAM SCHEDULE.
4. SEE S520 SERIES FOR TYPICAL CONCRETE DETAILS NOT EXPLICITLY REFERENCED ON PLAN.
5. SEE S600 FOR TYPICAL MASONRY DETAILS NOT EXPLICITLY REFERENCED ON PLAN.
6. SEE S700 SERIES FOR TYPICAL STEEL DETAILS NOT EXPLICITLY REFERENCED ON PLAN.
7. SEE 15720 FOR COMPOSITE SLAB/STEEL DECK SCHEDULE. SEE S720 SERIES FOR STEEL DECK/ COMPOSITE SLAB DETAILS NOT EXPLICITLY REFERENCED ON PLAN.
8. SEE S800 SERIES FOR CONCRETE WALL ELEVATIONS AND OPENINGS.
9. COORDINATE LOCATIONS OF ALL MECHANICAL/ELECTRICAL/PLUMBING OPENINGS AND SLEEVES WITH MECHANICAL/ELECTRICAL/PLUMBING CONTRACTORS. SLEEVES AND OPENINGS WITH DIMENSIONS LESS THAN 6" ARE NOT SHOWN ON THE STRUCTURAL PLANS.
9. NOTIFY STRUCTURAL ENGINEER IF ANY OPENINGS DIMENSIONED ON PLAN OR ELEVATIONS REQUIRE RESIZING OR RELOCATION TO ACCOMMODATE OTHER TRADES.
10. SLEEVES THROUGH STRUCTURAL BEAMS ARE NOT PERMITTED UNLESS EXPLICITLY SHOWN ON STRUCTURAL DRAWINGS.
11. 3/4" X 12" COLUMN REINFORCEMENT TO BE LOCATED USING A TEMPLATE TO ENSURE THAT POST-TENSIONING TENDONS AND MILD STEEL REINFORCEMENT IN BEAMS WILL PASS UNINTERRUPTED THROUGH COLUMNS.
12. AT SLAB REINFORCERS WITH HIGH-STRENGTH TENSIONED CABLES, DO NOT CUT OR DRILL DEEPER THAN 3/4" UNLESS EXPLICITLY SHOWN ON STRUCTURAL DRAWINGS OR AUTHORIZED IN WRITING BY STRUCTURAL ENGINEER.
13. POST-TENSIONED CONCRETE SLABS SHALL NOT BE CONNECTED TO CONCRETE SHEAR WALLS UNTIL 60 DAYS AFTER STRESSING SLAB.
14. PROVIDE THE FOLLOWING POST-TENSIONED TENDON CGS UNO ON PLAN:
 AT GRID/COLUMN LINE: 1/2" BELOW TOP OF SLAB
 AT MIDSPAN BETWEEN COLUMNS: 1/4" ABOVE BOTTOM OF SLAB
 AT ACHARGES: MID-HEIGHT OF SLAB
 WHERE CGS IS SHOWN ON PLAN, SEE FOR KEY

hG
A.
202 1st Avenue SW
Rochester, Minnesota 55902
Telephone 507.281.8600

K A KRAUS-ANDERSON
CONSTRUCTION COMPANY
525 South 8th Street
Minneapolis, Minnesota 55402
Telephone 612.332.7281

**MECHANICAL
PLUMBING ENGINEER**

METROPOLITAN MECHANICAL
CONTRACTORS, INC.
7450 FLYING CLOUD DRIVE
EDEN PRAIRIE, MINNESOTA
TELEPHONE (952) 941-7010

BROADWAY AT CENTER

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**TITAN DEVELOPMENT
AND INVESTMENTS**
221 1st AVENUE SW, SUITE 300
ROCHESTER, MN 55901

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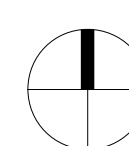
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FIRST
(GROUND)
LEVEL
FRAMING PLAN

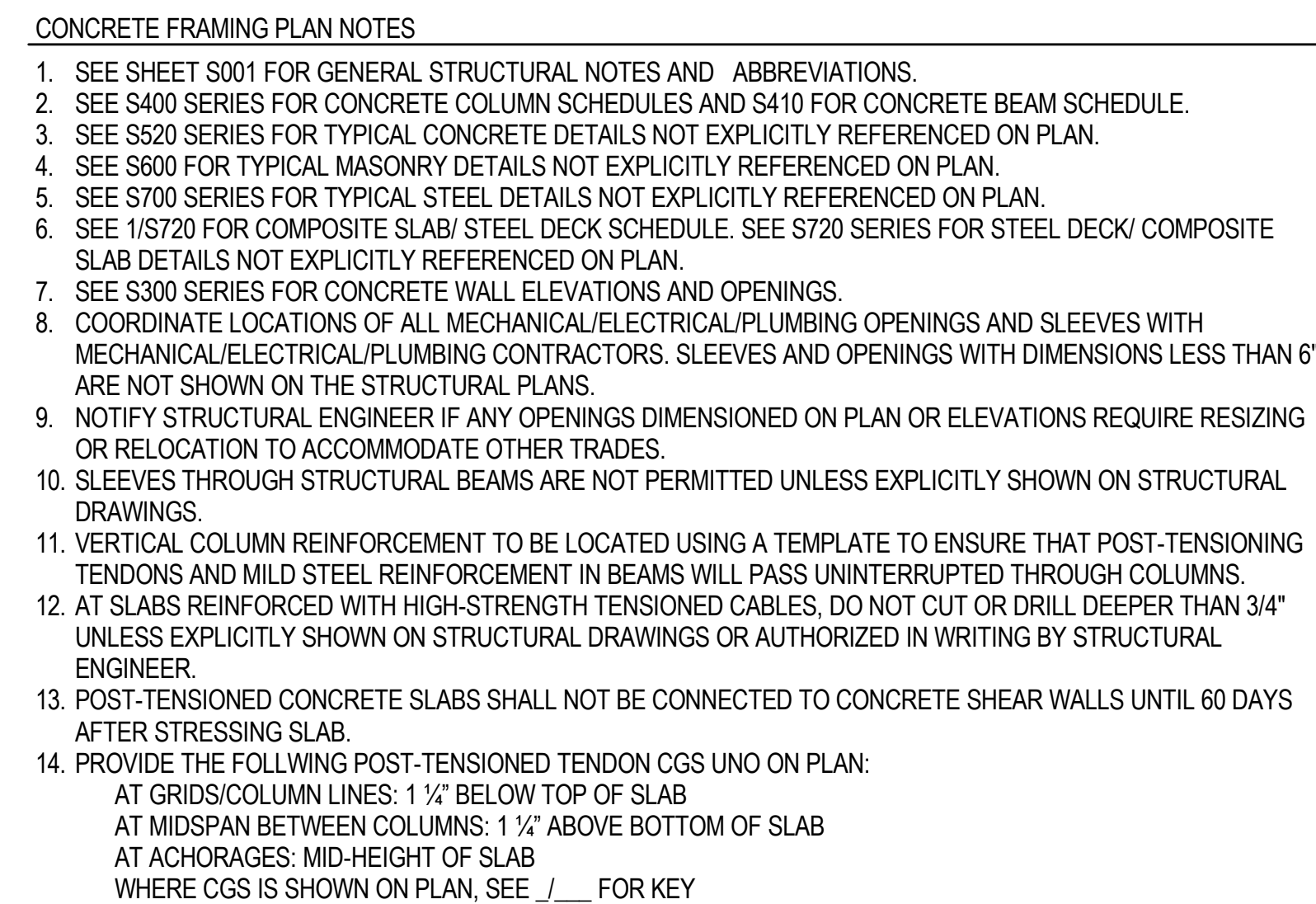
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**MECHANICAL
PLUMBING ENGINEER**
METROPOLITAN MECHANICAL
CONTRACTORS, INC.
7450 FLYING CLOUD DRIVE
EDEN PRAIRIE, MINNESOTA
TELEPHONE (952) 941-7011

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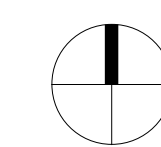
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SECOND LEVEL FRAMING PLAN

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S202



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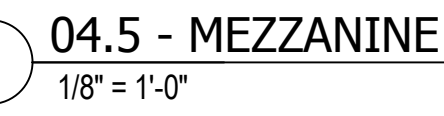


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1. STEEL TRUSS TONNAGES SHOWN ON PLAN INCLUDE A 20% ALLOWANCE FOR TRUSS CONNECTIONS AND STEEL TRUSS BRIDGING.
2. FRAMING PLANS SHOW PRIMARY STEEL ONLY AND DO NOT INCLUDE SECONDARY STEEL SUCH AS KICKERS, EXTERIOR WALL SUPPORT FRAMING, SLAB EDGE BENT PLATES AND OTHER MISCELLANEOUS STEEL ITEMS. PROVIDE SUFFICIENT ALLOWANCES FOR THESE ITEMS.

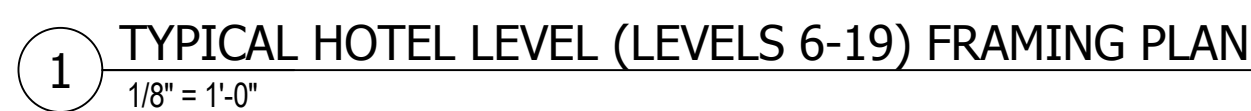


5. SEE S520 SEREIS FOR TYPICAL CONCRETE DETAILS INDICATING ANTICIPATED CONFIGURATION AND COMPLEXITY OF TENDON AND REBAR PLACEMENT.

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NOTE: LEVEL 13 HAS BEEN OMITTED FROM
BUILDING LEVEL NUMBERING SEQUENCE

1. POST-TENSIONING AND MILD (NON-PRESTRESSED) STEEL REINFORCEMENT QUANTITIES FOR PRICING PURPOSES ARE SHOWN ON PLAN.
2. SLAB QUANTITIES ARE PROVIDED IN POUNDS PER SQUARE FOOT OF SLAB AREA. BEAM QUANTITIES ARE PROVIDED IN POUNDS PER LINEAR FOOT OF BEAM LENGTH.
PT = POST-TENSIONED REINFORCING
MS = MILD (NON-PRESTRESSED) STEEL REINFORCEMENT
3. PT TENDONS AND NON-PRESTRESSED REINFORCING SHOWN ON PLAN ARE TYPICAL CONFIGURATIONS INDICATING PLACEMENT AND STRESSING REQUIREMENTS. ACTUAL CONFIGURATIONS WILL VARY.
4. REINFORCEMENT QUANTITIES INCLUDE ALL PRIMARY REINFORCEMENT AND SUPPLEMENTAL REINFORCING INCLUDING HAIRPINS, BACKUP BARS, AND OPENING TIE BARS. SUPPORT BARS ARE NOT INCLUDED.
5. SEE S520 SERIES FOR TYPICAL CONCRETE DETAILS INDICATING ANTICIPATED CONFIGURATION AND COMPLEXITY OF TENDON AND REBAR PLACEMENT.

**MECHANICAL
PLUMBING ENGINEER**

**METROPOLITAN MECHANICAL
CONTRACTORS, INC.**
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EDEN PRAIRIE, MINNESOTA
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TYPICAL
HOTEL LEVEL
(LEVELS 6-19)
FRAMING PLAN

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SD PRICING NOTES:

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TYPICAL
APARTMENT
(LEVELS 20TH -
22ND)
FRAMING PLAN

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